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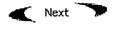
[2000][3050][ARTEMAC][MM-WET][MM-DRY][ROTIMAC][ABMAC][ECONOMAC][ACCLIMAC][MICROMAC] [4000 SERIES][FLAKES][IKA OIL][SPIRULINA][CRYSTAL LAKE MYSIS][FROZEN GUPPIES]

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Proximate Analysis

Fatty Acid Profile

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Sterols

Amino Acid Profile

Major Minerals

Vitamins

Trace Minerals

Other

** click above for quick access **

TECHNICAL PRODUCT INFORMATION

Algamac-2000 (Algae Substitute-Replacement Enrichment Diet) LARVAL / POST LARVAL

Manufacturer:

Aquafauna Bio-Marine, Inc. Hawthorne, California 90250, USA

I. Physical Characteristics	Gold powder
II. Qualitative/quantitative formula of composition, (expressed in percentages).	PROXIMATE ANALYSIS
III. Shelf life	Product should be stored at cooler temperatures, away from excessive heat, this product has a shelf life of about 12 months from the date of manufacturing.
IV. Commercial presentation	Vacuum packed foil bags. 500 grams per bag. 12 bags (6kg) /carton
V. Packing	Product is manually packed and mechanically sealed and vacuumed. Product is stored at cooler temperatures.
VI. Interpretation of batch code	No batch code or lot number is used for this product

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Proximate Analysis	%
Protein	39
Fat	32
Carbohy drate	13
Ash	12
Moisture	3

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Sterols	(mg/g)
Cholesterol	2.6
Brassicasterol	0.5
Stigmasterol	1.5

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Other		%
Lecithin	(mg/100g)	2860.0
Carotene	(mg/lb)	22.5
Xanthophyll		6.3

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Fatty Acid Profile

%

Fatty acid

(%w/w)	content (% w/w)	29.5
Name	Fatty Acid	(% of total fatty acids)
Myristic acid	14:00	11.0
Palmitic acid	16:00	38.5
Palmitoleic acid	16:01	7.3
Stearic acid	18:00	1.1
Oleic acid	18:01	4.1
Eicosatrienoic acid	20:3w6	0.4
Eicosapentaenoic acid (EPA)	20:5w3	0.6
Docosapentaenoic acid (DPA)	22:5w6	12.9
Docosahexaenoic acid (DHA)	22:6 w3	24.0

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\/:t つ	mine
VILA	mins

Vitamin A	(iu/lb)	875.00
Vitamin E	(iu/lb)	10.10
Thiamine	(mg/lb)	6.32
Riboflavin	(mg/lb)	35.71
Pyridocine	(mg/lb)	11.50
Pantothenic Acid	(mg/lb)	7.62
Biotin	(ug/lb)	0.51
Folic Acid	(ug/lb)	<4.50
Vitamin B12	(ug/lb)	0.03
Vitamin C	(mg/lb)	321.36
Choline (Chlorid	e) (ug/lb)	62.43

Niacin	(mg/lb)	94.05
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Amino Acid Profile	%	
Aspartic Acid	3.08	
Threonine	1.45	
Serine	1.61	
Glutamic Acid	13.09	
Proline	3.00	
Glycine	1.76	
Alanine	2.42	
Cystine	0.21	
Valine	1.59	
Methionine	9.77	
Isoleucine	1.11	
Leucine	2.56	
Tyrosine	0.95	
Phenylalanine	1.40	
Lysine-HCL	2.62	
Histidine-HCL	0.71	
Arginine-HCL	2.23	
Tryptophan		
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Major Minerals		%
Calcium		0.06
Potassium		2.09
Phosphorus		0.87
Sodium		2.14
Magnesium		0.19
Sulfur		1.60
Chloride		0.76
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Trace Minerals	(ppm)	

227.00 99.00

124.00

7.80

Manganese

Copper

Iron

Zinc

lodide	140.00
Selenium	< 0.05
Cobalt	0.10
Nickel	1.90
Fluorine	< 50.00
Vanadium	< 0.25
Molybdenum	0.65
Tin	1.25
Silicon	301.00

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DHASCO® (vegetable oil from algae)

General Characteristics

Appearance: Free flowing light yellow-orange liquid oil (triglyceride)

Pigments: a mixture of \(\beta\)-carotene and g-carotene (30-50 ppm)

Odor: bland

Antioxidants: ascorbyl palmitate/tocopherols (0.025% each)

Use level: 120 mg/L infant formula

Proximate Analysis

Protein < 1% Carbohydrate < 1% Fat >95%

Chemical Characteristics

Free fatty acid < 0.4 %
Peroxide value < 5 mEq/kg
Soap < 5 ppm
Nonsaponifiables < 3.5 %

Elemental Composition

 Phosphorous
 < 10 ppm</td>

 Arsenic
 < 0.1 ppm</td>

 Lead
 < 0.1 ppm</td>

 Iron
 < 0.1 ppm</td>

 Copper
 < 0.1 ppm</td>

 Mercury
 < 0.2 ppm</td>

Fatty acid composition

C10:0 0-2 % C12:0 0-6 % C14:0 10-20 % C16:0 10-20 % C16:1 0-2 % 0-2 % C18:0 C18:1 10-30 % C18:2 0-5 % 38-42 % C22:6 C24:1 0-2 % others 0-3 %